

## EXAMPLE SCENARIO 7

### Option 2

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult

TABLE 10.1.RME  
RISK SUMMARY  
REASONABLE MAXIMUM EXPOSURE

The Dean Company

Medium	Exposure Medium	Exposure Point	Chemical of Potential Concern	Carcinogenic Risk					Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	External (Radiation)	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total
Groundwater	Air	Water Vapors from Showerhead	Chloroform	--	1E-05	--	--	1E-05	Liver	--	5	--	5
			Chemical Total	--	1E-05	--	--	1E-05		--	5	--	5
			Radionuclide Total										
			Exposure Point Total					1E-05					5
		Exposure Point Total											--
Soil	Soil	Soil at Site 1	4,4'-DDE	1E-06	--	1E-06	--	2E-06	--	--	--	--	--
			4,4'-DDT	5E-06	--	5E-006	--	1E-005	--	--	--	--	--
			Chemical Total	6E-06	--	6E-06	--	1E-05		--	--	--	--
			Radionuclide Total										
		Exposure Point Total						1E-05					--

Total Risk Across All Media

2E-05

Total Hazard Across All Media =

5

Cancer risks presented are those greater than 1E-06; Non-cancer risks presented are those greater than 1.

Total Liver HI Across All Media =

5